KASNER, E. Equilong Invariants and Convergence Proofs, 341.

KELLOGG, O. D. Report of the Tenth Regular Meeting of the Southwestern Section, 208.

KENYON, A. M. See REVIEWS, under Bell.

KEYSER, C. J. See REVIEWS, under Russell.

KLINE, J. R. Concerning the Complement of a Countable Infinity of Point Sets of a Certain Type, 290.

LOVITT, W. V. See REVIEWS, under MacMahon, March.

LYTLE, E. B. See REVIEWS, under Syllabus.

MANNING, W. A. Reports of Meetings of the San Francisco Section: Twenty-Eighth Regular Meeting, 203; Twenty-Ninth Regular Meeting, 401.

MASON, T. E. See REVIEWS, under Ichak, Macfarlane.

MILLER, A. L. An Analogue to Pascal's Theorem, 292.

MILLER, G. A. Graphical Method of Finding the Possible Sets of Independent Generators of an Abelian Group, 14.

—— Groups Generated by Two Operators of the Same Prime Order such that the Conjugates of One under the Powers of the Other are Commutative, 283.

MILNE, W. E. Second Note on Removable Singularities, 27.

—— Note on Asymptotic Expressions in the Theory of Linear Differential Equations, 166.

MITTAG-LEFFLER, G. The Mittag-Leffler Testament and Institute. Translated by C. E. SEELY, 31.

MOORE, C. N. On the Developments in Bessel's Functions, 18.

—— See REVIEWS, under Ford, Goursat, Hadamard.

MOORE, R. L. A Theorem concerning Continuous Curves, 233.

MORSE, H. C. M. Proof of a General Theorem on the Linear Dependence of p Analytic Functions of a Single Variable, 114.

OSGOOD, W. F. Singular Points of Analytic Transformations, 404.

PFEIFFER, G. A. Note on the Linear Dependence of Analytic Functions, 117.

PHILLIPS, H. B. See REVIEWS, under Townsend.

PIERPONT, J. A Reply to a Reply, 174.

PONZER, E. W. See REVIEWS, under Durell.

RICHMOND, H. W. The Equation of a Plane Rational Curve Defined by Parametric Equations, 90.

RIDER, P. R. A Note on Discontinuous Solutions in the Calculus of Variations, 237.

RIETZ, H. L. See REVIEWS, under Glover.

ROWE, J. E. The Equation of a Rational Plane Curve Derived from its Parametric Equations (Second Paper), 304.

—— The Projection of a Line Section upon the Rational Plane Cubic Curve, 405.

SAFFORD, F. H. See REVIEWS, under Bôcher, Marsh, H. W., Minchin, Wentworth.

SEELY, C. E. See MITTAG-LEFFLER, G.

SHAW, J. B. See REVIEWS, under Dumont, Keyser.

SKINNER, E. B. See REVIEWS, under Hilton.

SLOCUM, S. E. See REVIEWS, under Breslich, Evans.

SMITH, D. E. See GINSBURG, J.

—— See REVIEWS, under Ahrens, Knott, Loria, Nunn, Reeve.

SMITH, P. F. See REVIEWS, under Hort.

SNYDER, V. The Cambridge Colloquium, 81, 163.

—— Mathematics at an Italian Technical School, 149.

—— See REVIEWS, under Doehlemann, Hedrick, Hudson.

VANDIVER, H. S. Note on the Distribution of Quadratic Residues, 111.

VAN VLECK, E. B. Current Tendencies of Mathematical Research, 1.

WAHLIN, G. E. On the Principal Units of an Algebraic Domain $k(\wp, \alpha)$, 450.

WEAVER, J. H. Pappus. Introductory Paper, 127.

—— On Foci of Conics, 357.

WILSON, E. B. On Notational Equivalence, 169.

—— See REVIEWS, under Greenhill.

REVIEWS.

Ahrens, W. Mathematiker-Anekdoten, D. E. SMITH, 44.

Bell, H. A Course on the Solution of Spherical Triangles for the Mathematical Laboratory, A. M. KENYON, 331.

Bôcher, M. Plane Analytic Geometry, with Introductory Chapters on the Differential Calculus, F. H. SAFFORD, 102.

Breslich, E. R. Second-Year Mathematics for Secondary Schools (second edition), S. E. SLOCUM, 328.

Carslaw, H. S. The Elements of Non-Euclidean Plane Geometry and Trigonometry, J. L. COOLIDGE, 461.

Doehlemann, K. Grundzüge der Perspektive nebst Anwendungen, V. SNYDER, 194.

Dumont, E. Théorie générale des Nombres, J. B. SHAW, 370.

Dunkel, O. See Goursat, E.

Durell, F. Fundamental Sources of Efficiency, E. W. PONZER, 381.

Evans, G. W. and Marsh, J. A. First Year Mathematics, S. E. SLOCUM, 326.

Ford, W. B. Studies on Divergent Series and Summability, C. N. MOORE, 308.

Fricke, R. Die elliptischen Funktionen und ihre Anwendungen. Erster Teil, L. W. DOWLING, 319.

Gerrans, H. T. See Minchin, G. M.

Glover, J. W. United States Life Tables: 1910, H. L. Rietz, 332.

Goursat, E. A Course in Mathematical Analysis, volume 2, part 1, translated by E. R. Hedrick and O. Dunkel, C. N. Moore, 375.

Greenhill, G. Report on Gyroscopic Theory, E. B. Wilson, 241.

Hadamard, J. Four Lectures on Mathematics, C. N. Moore, 317.

Hedrick, E. R. Constructive Geometry, V. Snyder, 194.

—— See Goursat, E.

Hilton, H. Homogeneous Linear Substitutions, E. B. Skinner, 147.

Hort, W. Die Differentialgleichungen des Ingenieurs, P. F. Smith, 379.

Hudson, H. P. Ruler and Compasses, V. Snyder, 377.

Ichak, F. Das Perpetuum Mobile, T. E. Mason, 193.

Keyser, C. J. The Human Worth of Rigorous Thinking, J. B. Shaw, 315.

Knott, C. G. Napier Tercentenary Memorial Volume, edited by C. G. Knott, D. E. Smith, 372.

Landis, E. H. See Richardson, R. P.

Lehmer, D. N. Synthetic Projective Geometry, J. L. Coolidge, 456.

Leib, D. D. Problems in the Calculus, with Formulas and Suggestions, R. W. Burgess, 322.

Leman, A. Vom periodischen Dezimalbruch zur Zahlentheorie, L. E. Dickson, 324.

Loria, G. Guida allo Studio della Storia delle Matematiche, D. E. Smith, 136.

Macfarlane, A. Ten British Mathematicians, T. E. Mason, 191.

MacMahon, P. A. Combinatory Analysis, Volume 1, W. V. Lovitt, 97.

Mangoldt, H. von. Einführung in die höhere Mathematik, M. W. Haskell, 182.

March, H. W. and Wolff, H. C. Calculus, W. V. Lovitt, 378.

Marsh, H. W. Interpolated Six-Place Tables, F. H. Safford, 425.

Marsh, J. A. See Evans, G. W.

Minchin, G. M. A Treatise on Statics (fifth edition), volume 2, revised by H. T. Gerrans, F. H. Safford, 195.

Nunn, T. P. The Teaching of Algebra (including Trigonometry), D. E. Smith, 176.

—— Exercises in Algebra (including Trigonometry), D. E. Smith, 176.

Osgood, W. F. The Madison Colloquium Lectures on Mathematics, Part II: Topics in the Theory of Functions of Several Complex Variables, G. A. Bliss, 35.

Pérez, J. A. S. Compendio de Álgebra de Abenbéder, E. B. Cowley, 325.

Reeve, W. D. and Schorling, R. A Review of High-School Mathematics, D. E. Smith, 375.

Richardson, R. P. and Landis, E. H. Fundamental Conceptions of Modern Mathematics. Variables and Quantities, A. Dresden, 139.

Russell, B. Our Knowledge of the External World as a Field for Scientific Method in Philosophy, C. J. KEYSER, 91.

Salkowski, E. See Schell, W.

Schell, W. Wilhelm Schells Allgemeine Theorie der Kurven doppelter Krümmung, dritte Auflage neu bearbeitet von E. Salkowski, L. P. EISENHART, 190.

Schorling, R. See Reeve, W. D.

Schwartz, A. J. See Young, J. W.

Smith, D. E. See Wentworth, G.

Syllabus of Mathematics. A Symposium Compiled by the Committee on the Teaching of Mathematics to Students of Engineering, E. B. LYTLE, 180.

Townsend, E. J. Functions of a Complex Variable, H. B. PHILLIPS, 184.

Wentworth, G. and Smith, D. E. Plane and Spherical Trigonometry and Tables, F. H. SAFFORD, 189.

Wolff, H. C. See March, H. W.

Young, J. W. and Schwartz, A. J. Plane Geometry, M. G. GABA, 376.

Correction, 163, 467.

Index of Volume XXIII, 482.

New Publications, 54, 106, 154, 200, 247, 295, 338, 384, 431, 469.

Notes, 46, 103, 152, 196, 244, 293, 333, 382, 426, 467.

Papers Read before the Society and Subsequently Published, Twenty-Sixth Annual List of, 472.

NOTES AND OTHER ITEMS.

Academies, Associations, Congresses, and Societies:

American Mathematical Society: Annual Meeting, 103, 157; Cambridge Colloquium Lectures, 260; Conant Bequest, 300; Election of Officers, 260; List of Officers and Members, 103; New Members Admitted, 58, 157, 259, 299, 435; Presidential Address, 103, 258; Statistics, 260; Summer Meeting, 260, 299; Symposium on Lebesgue Integral, 251, 387; Transactions, 46, 152, 293, 426, 435.

Associations for the Advancement of Science, American, 103, 257; British, 104.

Association of Mathematics Teachers, New Jersey, 196.

Astronomical Society of America, 258; British Mathematical Association, 294, 383; Edinburgh Mathematical Society, 47, 196, 245, 294, 382, 467; Hamburg Mathematical Society, 152; Italian Society of Sciences, 51; London Mathematical Society, 293, 334, 382, 468; Mathematical Association of America, 103, 244, 258, 299, 333; National Academy of Sciences, 196; National Research Council, 299; Paris Academy, 334; Royal Astronomical Society, 383; Royal Society of London, 198; Stockholm Meeting of Scandinavian Mathematicians, 47, 58; Swiss Mathematical Society, 334.

Books, Announcement of New, 47, 245, 294, 382, 383.

Catalogues of Books, Models, etc., 154, 246, 469.

Doctorates in Mathematics, American, 197.

Journals: American Journal of Mathematics, 46, 104, 245, 427; Annals of Mathematics, 47, 245, 333, 467; Nyt Tidsskrift for Matematik, 50; Proceedings of the National Academy of Sciences, 152, 333; Transactions of the American Mathematical Society, 46, 152, 293, 426, 435.

Papers and Communications Presented to the Society, Authors:

Barrow, D. F., 300.
Bauer, G. N., 252.
Beal, F. W., 437.
Beatty, S., 436.
Bennett, A. A., 208, 252.
Bianchi, L., 436.
Birkhoff, G. D., 60, 262, 262.
Blichfeldt, H. F., 203, 401.
Bliss, G. A., 252, 388.
Blumberg, H., 209, 209, 252.
Bouton, C. L., 60.
Brown, E. W., 262.
Buchanan, D., 261, 261, 261.
Burgess, H. T., 252.
Burgess, R. W., 59.
Carmichael, R. D., 388, 388, 388, 437.
Carpenter, A. F., 203.
Chittenden, E. W., 388.
Cohen, T., 262.
Cole, F. N., 158.
Coolidge, J. L., 59, 262.
Daniell, P. J., 209.
Dickson, L. E., 59, 252.
Dines, L. L., 261.
Douglas, J., 436.
Dresden, A., 59.
Eells, W. C., 59.
Eiesland, J., 59, 60.
Eisenhart, L. P., 59, 261, 436.
Emch, A., 261.
Evans, G. C., 83, 209.
Fields, J. C., 59.
Fischer, C. A., 59, 261, 436.
Fite, W. B., 436.
Ford, L. R., 60.
Fréchet, M., 436.
Frizell, A. B., 60.
Garretson, W. V. N., 60.
Glenn, O. E., 158, 158, 261, 436.
Gossard, H. C., 209.
Green, G. M., 60, 60, 261, 437.
Gronwall, T. H., 60, 61, 61, 61.
Grove, C. C., 261.
Hart, W. L., 261, 261, 437.
Haskell, M. W., 60.
Hathaway, A. S., 252.
Hazlett, O. C., 59, 435.
Hebbert, C. M., 388.
Hedrick, E. R., 209.
Hewes, L. I., 60.
Hildebrandt, T. H., 388, 388.
Hoskins, L. M., 203.
Huntington, E. V., 60, 60, 261, 261, 261, 262.
Jackson, D., 59, 59, 436, 436.
James, G., 252.
Johnston, E., 203.
Kasner, E., 262, 300.
Kempner, A. J., 59, 389, 389, 389.
Keyser, C. J., 203.
Kline, J. R., 60, 158, 261, 300.
Laber, M., 203.
Lefschetz, S., 208, 208, 389.
Lehmer, D. N., 401.
Leuschner, A. O., 262.
Light, G. H., 209.
McEwen, G. F., 401.
Manning, W. A., 203, 203, 401.
Mason, T. E., 389.
Miller, A. L., 261, 388.
Miller, G. A., 59, 262, 389, 437.
Mitchell, H. B., 158, 261.
Mitchell, H. H., 262, 262.
Moore, C. N., 59.
Moore, E. H., 59.
Moore, R. L., 158, 300, 436.
Morley, F., 262.
Morse, H. C. M., 60.
Moulton, F. R., 252.
Nelson, A. L., 389.
Pell, A., 436.
Pfeiffer, G. A., 60.
Pitcher, A. D., 262.
Rice, L. H., 60.
Rider, P. R., 208.
Robinson, L. B., 436.
Roe, E. D., Jr., 158, 158, 158.
Roe, J. R., 157.
Roever, W. H., 208.
Rowe, J. E., 261, 300, 436.
Safford, F. H., 59, 436.
Schweitzer, A. R., 60, 60, 60, 60, 252, 300, 300, 388, 388.
Seely, C. E., 60.
Sharpe, F. R., 59.

Shaw, J. B., 389.
Simonds, E. F., 436.
Sisam, C. H., 252.
Slobin, H. L., 252.
Smith, G. W., 389.
Smith, P. F., 262.
Snyder, V., 59.
Story, W. E., 262.
Stouffer, E. B., 208, 389.
Taber, H., 262, 300.
Taylor, J. S., 203.
Vandiver, H. S., 158, 158, 262.
Van Vleck, E. B., 60, 252.
Veblen, O., 83, 437.
Wahlin, G. E., 251.
Walsh, J. L., 389.
Weaver, J. H., 158, 436.
Webster, A. G., 59.
Wells, V. H., 389.
White, H. S., 300.
Whittemore, J. K., 261, 436.
Wiener, N., 261.
Wilson, E. B., 436.
Wilson, W. H., 388.
Wright, H. N., 401.

Personal Notes:

Abbe, C., 154; Alexander, J. W., II, 197; Altshiller, N., 53, 431; Archibald, R. C., 430, 430.

Babbett, A., 53, 468; Barnard, R. W., 295; Barrow, D. F., 199; Barton, R. M., 199; Batchelder, P. M., 197; Beebe, W., 337; Bell, E. T., 199; Bennett, A. A., 51; Bensaude, J., 335; Billings, R. E., 431; Bliss, G. A., 293; Boccardi, G., 335; Borger, R. L., 52; Bourget, H., 335; Bray, H. E., 51; Brink, R. W., 197; Brown, B. H., 337; Brown, E. W., 103; Buchanan, D., 153; Buisson, H., 335; Bullard, J. A., 246.

Cajori, F., 244; Calapso, P., 51; Caldonazzo, B., 295; Camp, C. C., 430; Carpenter, A. F., 197; Clements, G. R., 337; Clevenger, C. H., 105; Coggia, J. E., 335; Colpitts, M. A., 53; Conant, L. L., 105, 300; Couturat, L., 335; Cowley, E. B., 51; Cox, L. C., 197; Crathorne, A. R., 153; Cresse, G. H., 153; Curt, W. E., 430.

Darboux, G., 198, 384, 468; Dederick, L. S., 468; De Porte, J. V., 52, 197; Dickson, L. E., 293; Duhem, P., 105; Dunkel, O., 52.

Echegaray, J., 53; Edington, W. E., 430; Eells, W. C., 52; Eisenhart, L. P., 104, 293, 435; Esson, W., 105; Esty, W. C., 53; Evans, A., 104; Evans, G. C., 51.

Fabry, C., 335; Ferry, F. C., 430; Ford, L. R., 337; Forsyth, C. H., 105; Fort, T., 246; Frankland, F. W., 54; Frary, H. D., 430; Fubini, G., 295; Fueter, R., 50.

Garretson, W. V. N., 197; Gerbaldi, F., 51; Gilman, R. E., 197; Glaisher, J. W. L., 51; Graustein, W. C., 51; Gunder, H., 199.

Hadamard, J., 51; Hahn, H., 50; Harding, A. M., 197, 337; Harper, E. H., 53; Hart, W. L., 197, 337; Haseman, M. G., 197; Haskins, C. N., 51; Hassler, J. O., 197; Hedrick, E. R., 103; Heegaard, P., 50; Henderson, A., 197; Hennel, C. B., 199; Hill, G. A., 53; Holgate, T. F., 104; Hollcroft, T. R., 384.

James, G. O., 153; Jeans, J. H., 383; John, J. P. D., 53; Jones, J. L., 52; Juel, C., 50.

Kasner, E., 383; Kircher, E. A. T., 383; Kline, J. R., 197.

Lamond, J. K., 153; Laura, E., 295; Lefschetz, S., 52; Lehmer, D. N., 244; Leib, D. D., 52; Leonard, H. B., 153; Levi-Civita, T., 430; Leyzerah, P., 197; Light, G. H., 52, 197; Linehan, P. H., 198, 246; Lipka, J., 468; Lovitt, W. V., 153; Luck, J. J., 104.

McClintock, E., 54; McMackin, F. J., 105, 198; Macdonald, H. H., 293; Mach, E., 53; MacLaren, S. B., 105; MacMahon, P. A., 383; Maglott, E. S., 154; Mason, T. E., 153; Miller, A. L., 198, 199; Miller,

E. B., 52; Miller, N., 198; Milne, W. E., 153; Moore, C. L. E., 51; Moore, C. N., 293; Moore, R. L., 153; Morley, F., 430; Moulton, F. R., 104; Murnaghan, F. D., 51, 198; Musselman, J. R., 198; Myers, H. W., 153.

Nelson, A. L., 198; Nicholson, J. W., 431; Nörlund, N. E., 335; Norwood, C. E., 246.

Oglesby, E. J., 246.

Painlevé, P., 245; Pasch, M., 104; Pennacchietti, G., 199; Picard, E., 468; Pierce, T. A., 198, 337; Pitkin, C. A., 246; Prym, F., 105.

Rawlins, C. H., 198; Rayworth, J. C., 199; Reaves, S. W., 198; Reilly, J. F., 198; Reynolds, C. N., 105; Rider, P. R., 105; Roever, W. H., 153; Roman, I., 52; Root, R. E., 198; Rowe, J. E., 52; Royce, J., 54; Runge, L., 468; Russell, B., 51.

Sayre, H. A., 246; Schwarzschild, K., 53; Schweitzer, A. R., 198; Scorza, G., 50; Sharpe, F. R., 293; Signorini, A., 198; Simpson, T. M., 198; Smith, A. G., 154; Smith, C., 246; Smith, E. S., 198; Smith, F. L., 154; Smith, W. M., 153; Sousley, S. P., 53; Speiser, A., 468; Sperry, P., 198.

Tanzola, J. J., 105; Terracini, A., 337; Torres, L., 335.

Upton, C. B., 468.

Vallée Poussin, C. J. de la, 335, 337; Van Hise, C. R., 104; Veblen, O., 244; Vogt, W., 53; Volterra, V., 245; Voss, A., 104.

Walsh, J. L., 337; Weaver, J. H., 198, 430; Weierstrass, K., 104; Wells, M. E., 198; Wester, C. W., 199; Wheeler, J. J., 52; White, C. J., 295; Whitehead, A. N., 104, 294, 383; Whittemore, J. K., 246; Wilder, C. E., 52; Williams, A. R., 198; Wilson, E. B., 293, 430; Wilson, L. T., 430; Wilson, W. H., 384; Winger, R. M., 153; Wood, F. E., 52; Wright, W. C., 431.

Yeaton, C. H., 52, 198.

Zermelo, E., 50, 336.

Prizes:

Ackermann-Teubner, 336; Adams, 383; Conant, 300; Italian Society of Sciences, 51; Paris Academy, 334; Royal Society of London, Sylvester Medal, 198.

Universities and Technical Schools:

Bologna, 48.
Catania, 48.
Chicago, 294, 383.
Collège de France, 336.
Columbia, 336, 427.
Cornell, 336, 427.
Genoa, 48.
Harvard, 197, 428.
Illinois, 429.
Johns Hopkins, 429.
Messina, 48.
Naples, 48.
Padua, 49.
Palermo, 49.
Paris, 468.
Pavia, 49.
Pennsylvania, 336.
Pisa, 49.
Princeton, 429.
Rice Institute, 383.
Rome, 50.
Turin, 50.
Yale, 430.

CONTENTS

Whole No. 251

PAGE

Current Tendencies of Mathematical Research. By Professor E. B. VAN VLECK 1

Graphical Method of Finding the Possible Sets of Independent Generators of an Abelian Group. By Professor G. A. MILLER 14

On the Developments in Bessel's Functions. By Professor C. N. MOORE 18

Second Note on Removable Singularities. By DR. W. E. MILNE 27

The Mittag-Leffler Testament and Institute. Translated by DR. CAROLINE E. SEELY 31

The Madison Colloquium Lectures on Mathematics. By Professor G. A. BLISS 35

Shorter Notice 44

Notes 46

New Publications 54

Whole No. 252

PAGE

The Twenty-Third Summer Meeting of the American Mathematical Society. By Professor F. N. COLE 57

The Cambridge Colloquium. By Professor VIRGIL SNYDER 81

Note on the Order of Continuity of Functions of Lines. By Dr. C. A. FISCHER 88

The Equation of a Plane Rational Curve Defined by Parametric Equations. By Mr. H. W. RICHMOND 90

Scientific Method in Philosophy. By Professor C. J. KEYSER 91

Shorter Notices 97

Notes 103

New Publications 106

Whole No. 253

PAGE

An Extension of the Theory of Numbers by Means of Correspondences between Fields. By Professor L. E. DICKSON 109

Note on the Distribution of Quadratic Residues. By Mr. H. S. VANDIVER 111

Proof of a General Theorem on the Linear Dependence of p Analytic Functions of a Single Variable. By Mr. H. M. MORSE 114

Note on the Linear Dependence of Analytic Functions. By Dr. G. A. PFEIFFER 117

On the Linear Dependence of Functions of One Variable. By Dr. G. M. GREEN 118

Translation Surfaces Associated with Line Congruences. By Professor O. E. GLENN 122

Pappus Introductory Paper. By Dr. J. H. WEAVER 127

Shorter Notices 136

Mathematics at an Italian Technical School. By Professor VIRGIL SNYDER 149

Notes 152

New Publications 154

Whole No. 254

PAGE

The October Meeting of the American Mathematical Society. By Professor F. N. COLE 157

Correction 163

The Maximum Number of Cusps of an Algebraic Plane Curve, and Enumeration of Self-Dual Curves. By Professor M. W. HASKELL 164

Note on Asymptotic Expressions in the Theory of Linear Differential Equations. By Professor W. E. MILNE 166

On Notational Equivalence. By Professor E. B. WILSON 169

On Pierpont's Integral. Reply to Professor Pierpont. By Professor MAURICE FRÉCHET 172

A Reply to a Reply. By Professor JAMES PIERPONT 174

Shorter Notices 176

Notes 196

New Publications 199

Whole No. 255

PAGE

The Twenty-Eighth Regular Meeting of the San Francisco Section. By Professor W. A. MANNING 203

The Tenth Regular Meeting of the Southwestern Section. By Professor O. D. KELLOGG 208

The Relations of Mathematics to the Natural Sciences. Presidential Address. By Professor E. W. BROWN 213

A Theorem on the Curves Described by a Spherical Pendulum. By Professor ARNOLD EMCH 230

A Theorem Concerning Continuous Curves. By Professor R. L. MOORE 233

A Note on Discontinuous Solutions in the Calculus of Variations. By Dr. P. R. RIDER 237

Theory of the Top. By Professor E. B. WILSON 241

Notes 244

New Publications 247

Whole No. 256

PAGE

The December Meeting of the American Mathematical Society at Chicago. By Professor ARNOLD EMCH 251

The Twenty-Third Annual Meeting of the American Mathematical Society. By Professor F. N. COLE 257

Complete Existential Theory of the Postulates for Serial Order. By Professor E. V. HUNTINGTON 276

Complete Existential Theory of the Postulates for Well Ordered Sets. By Professor E. V. HUNTINGTON 280

Groups Generated by Two Operators of the Same Prime Order Such that the Conjugates of One under the Powers of the Other are Commutative. By Professor G. A. MILLER 283

A Theorem in the Analysis of Real Variables. By Professor R. L. BORGER 287

Concerning the Complement of a Countable Infinity of Point Sets of a Certain Type. By Dr. J. R. KLINE 290

An Analogue to Pascal's Theorem. By Dr. A. L. MILLER 292

Notes 293

New Publications 295

Whole No. 257

PAGE

The February Meeting of the American Mathematical Society. By Professor F. N. COLE 299

The Equation of a Rational Plane Curve Derived from its Parametric Equations (Second Paper). By Professor J. E. Rowe 304

Ford's Studies on Divergent Series and Summability. By Professor C. N. MOORE 308

Shorter Notices 315

Notes 333

New Publications 337

Whole No. 258

PAGE

Equilong Invariants and Convergence Proofs. By Professor EDWARD KASNER 341

The Inversion of an Analytic Function. By Dr. SAMUEL BEATTY 347

Emory McClintock 353

On Foci Conics. By Dr. J. H. WEAVER 357

New Light on our Numerals. By Mr. JEKUTHIAL GINSBURG 366

Shorter Notices 370

Notes 382

New Publications 384

Whole No. 259

PAGE

The April Meeting of the American Mathematical Society at Chicago. By Professor ARNOLD DRESDEN 387

The April Meeting of the San Francisco Section. By Professor W. A. MANNING 401

Singular Points of Analytic Transformations. By Professor W. F. OSGOOD 404

The Projection of a Line Section upon the Rational Plane Cubic Curve. By Professor J. E. ROWE 405

Examples of a Remarkable Class of Series. By Professor R. D. CARMICHAEL 407

Shorter Notice 425

Notes 426

New Publications 431

Whole No. 260

	PAGE
The April Meeting of the American Mathematical Society in New York. By Professor F. N. COLE	435
The Modular Difference of Classes. By Professor P. J. DANIELL	446
On the Principal Units of an Algebraic Domain $k(\mathfrak{p}, a)$. By Dr. G. E. WAHLIN	450
Projective Geometry. By Professor J. L. COOLIDGE	456
Non-Euclidean Geometry. By Professor J. L. COOLIDGE	461
Correction	467
Notes	467
New Publications	469
Twenty-Sixth Annual List of Published Papers	472
Index to Volume XXIII	482